

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An individualized network information delivery system interposed between at least one data source and a destination device, comprising:

a data source interface module to interface with said at least one data source;

a user object module implementable as an individual thread to aggregate services for an individual end-user;

a data worker module to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said at least one data source;

a data event destination module to adaptively interface said selectively retrieved data to said destination device; and

a data forwarder to automatically selectively forward said data to said destination device;

wherein said individualized network information delivery system is adapted to be an event-driven architecture and said data worker module is adaptively abstract from said data source interface module[[:]] ~~and~~

~~wherein said individualized network information delivery system implements user objects as individual threads.~~

2. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said data event destination module interfaces with a short messaging system.

3. (original) The individualized network information delivery system according to claim 1, wherein:

said data worker is abstracted from said data event destination module.

4. (original) The individualized network information delivery system according to claim 1, wherein:

said data worker includes a query engine.

5. (original) The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query a web page for content.

6. (original) The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query a database for content.

7. (original) The individualized network information delivery system according to claim 6, wherein:

said query utilizes a JDBC protocol.

8. (original) The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to query an email account.

9. (previously presented) The individualized network information delivery system according to claim 4, wherein:

said query engine is adapted to parse content into a format more convenient for said data worker.

10. (previously presented) The individualized network information delivery system according to claim 1, further comprising:

a formatter module to format content into XSL information.

11. (original) The individualized network information delivery system according to claim 1, wherein:

said data event destination module provides XML information to a destination device.

12. (original) The individualized network information delivery system according to claim 1, wherein said data source interface module comprises:

a protocol converter to convert a protocol of said source data into an XML data stream.

13. (original) The individualized network information delivery system according to claim 12, wherein:

said XML data stream is read by said data event destination module one byte at a time.

14. (previously presented) The individualized network information delivery system according to claim 1, wherein:

data from said at least one data source is in an HTML format data.

15. (previously presented) The individualized network information delivery system according to claim 1, wherein:

data from said at least one data source is an email and said data source interface module is adapted to utilize an IMAP protocol to query an Email account as a source.

16. (previously presented) The individualized network information delivery system according to claim 1, wherein:

data from at least one data source is an XML format document.

17. (previously presented) The individualized network information delivery system according to claim 1, wherein:

a data source to communicate with said data source interface module is a news server and data from said data source is communicated to said data source interface module utilizing an NNTP protocol to query said news server.

18. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said at least one data source is a Vcalendar database.

19. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said at least one data source is a Lotus database.

20. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said at least one data source is an SNMP MIB.

21. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said data source interface module is adapted to present a data source with a stylesheet defined in an extensible Stylesheet Language (XSL).

22. (currently amended) An individualized network information delivery system interposed between at least one data source and a destination device, comprising:

a user object module implementable as an individual thread to aggregate services for an individual end-user;

a data worker module dedicated to an individual user to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said at least one data source;

a data destination interface module to adaptively interface said selectively retrieved data to said destination device; and

a data forwarder to automatically selectively forward said data to said destination device;

wherein said data worker module is adapted to generate an event listener to monitor source data at behest of said individual user and said data worker module is adaptively abstract from said data destination interface module[[:]] and

~~wherein said individualized network information delivery system implements user objects as individual threads.~~

23. (previously presented) The individualized network information delivery system according to claim 22, further comprising:

a data destination filter adaptively interposed between said data worker module and said data destination interface module, said data destination filter adapted to determine a characteristic of content from a particular data source, and adapted to redirect said content from said particular data source to said individual user only if certain criteria within said content has been met.

24. (previously presented) The individualized network information delivery system according to claim 22, wherein:

a characteristic of content is a change in said content.

25. (previously presented) The individualized network information delivery system according to claim 22, wherein:

a characteristic of content is a change in a particular parameter of said content.

26. (currently amended) A method of monitoring an information source for an individual user of a network, comprising:

interposing at least one of an event listener and a data worker between a data source and ~~said a~~ requesting destination device;

generating said event listener abstract from a requesting destination device of said individual user, said event listener to monitor a particular data source for an occurrence of a particular event;

generating a user object as an individual thread to aggregate services for an individual end-user;

generating said data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said particular data source; and

upon an occurrence of said particular event, automatically selectively directing content obtained from said data source to said requesting destination device[[:]]

~~wherein said event listener and said data worker for user objects are implemented as individual threads.~~

27. (original) The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said network is a wireless network.

28. (original) The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said particular event is a change in content from said data source.

29. (original) The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said particular event is a presence of a particular parameter in said content from said data source.

30. (currently amended) A method of monitoring an information source for an individual user of a network, comprising:

generating at least one of an event listener and a data worker abstract from a requesting destination device of said individual user and interposed between at least one of said information source and said individual user, said event listener monitoring a particular data source;

generating a user object as an individual thread to aggregate services for an individual end-user;

generating said data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said particular data source; and

automatically periodically selectively directing user selected content obtained from said data source to said requesting destination device[[:]]

~~wherein said event listener and said data worker for user objects are implemented as individual threads.~~

31. (currently amended) Apparatus for monitoring an information source for an individual user of a network, comprising:

means for generating at least one of an event listener and a data worker abstract from a requesting destination device of said individual user and interposed between at least one of said information source and said individual user, said means for generating said event listener monitoring a particular data source for an occurrence of a particular event;

means for generating a user object as an individual thread to aggregate services for an individual end-user;

means for generating said data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said particular data source; and

means for automatically selectively directing user selected content obtained from said data source to said requesting destination device upon an occurrence of said particular event[[:]]

~~wherein at least one of said event listener and said data worker for user objects are implemented as individual threads.~~

32. (original) The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said network is a wireless network.

33. (original) The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said particular event is a change in content from said data source.

34. (original) The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said particular event is a presence of a particular parameter in said content from said data source.

35. (currently amended) Apparatus for monitoring an information source for an individual user of a network, comprising:

means for generating at least one of an event listener and a data worker abstract from a requesting destination device of said individual user and interposed between at least one of said information source and said individual user, said means for generating said event listener monitoring a particular data source;

means for generating a user object as an individual thread to aggregate services for an individual end-user;

means for generating said data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said particular data source; and

means for automatically, selectively and periodically directing user selected content obtained from said data source to said requesting destination device[[:]]

~~wherein at least one of said event listener and said data worker for user objects are implemented as individual threads.~~

36. (currently amended) An individualized network information delivery system interposed between at least one data source and a destination device, comprising:

a data source interface module to interface with said at least one data source;

a user object module implementable as an individual thread to aggregate services for an individual end-user;

a data worker module to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from said at least one data source;

a data event destination module to adaptively interface said selectively retrieved data to said destination device; and

a data forwarder to automatically selectively forward said data to said destination device[[:]]

~~wherein said individualized network information delivery system implements user objects as individual threads.~~

37. (currently amended) A method of monitoring an information source for an individual user of a network, comprising:

interposing an event listener between a data source and said a requesting destination device;

generating a user object as an individual thread to aggregate services for an individual end-user;

generating a data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from a particular data source; and

generating a data director to automatically selectively direct content obtained from said particular data source to said requesting destination device[[:]]

~~wherein at least one of said event listener, said data worker and said data director for user objects are implemented as individual threads.~~

38. (currently amended) Apparatus for monitoring an information source for an individual user of a network, comprising:

means for interposing an event listener between a data source and ~~said a~~ requesting destination device;

means for generating a user object as an individual thread to aggregate services for an individual end-user;

means for generating a data worker to perform a given service for said user object module, said given service comprising automatically selectively ~~retrieve~~ retrieving data from a particular data source; and

means for generating a data director to automatically selectively direct content obtained from said particular data source to said requesting destination device[[:]]

~~wherein at least one of said event listener, said data worker and said data director for user objects are implemented as individual threads.~~

39. (previously presented) The individualized network information delivery system according to claim 1, wherein:

said individual threads are implemented as a decentralized approach.

40. (previously presented) The individualized network information delivery system according to claim 22, wherein:

said individual threads are implemented as a decentralized approach.

41. (previously presented) The method of monitoring an information source for an individual user of a network according to claim 26, wherein:

said individual threads are implemented as a decentralized approach.

42. (previously presented) The apparatus for monitoring an information source for an individual user of a network according to claim 30, wherein:

said individual threads are implemented as a decentralized approach.

43. (previously presented) The apparatus for monitoring an information source for an individual user of a network according to claim 31, wherein:

said individual threads are implemented as a decentralized approach.

44. (previously presented) The apparatus for monitoring an information source for an individual user of a network according to claim 35, wherein:

said individual threads are implemented as a decentralized approach.

45. (previously presented) The individualized network information delivery system interposed between at least one data source and a destination device according to claim 36, wherein:

said individual threads are implemented as a decentralized approach.

46. (previously presented) The method of monitoring an information source for an individual user of a network according to claim 37, wherein:

said individual threads are implemented as a decentralized approach.

47. (previously presented) The apparatus for monitoring an information source for an individual user of a network according to claim 38, wherein:

said individual threads are implemented as a decentralized approach.